

Warm Up

#1-2 on wkst (on the front table)

Solve by *GRAPHING*

Homework Questions?

$$\begin{array}{l}
 19) \quad 2a = 8 \rightarrow \\
 \quad \quad a + b = 2 \\
 \quad \quad \begin{array}{r} 4 + b = 2 \\ -4 \quad -4 \\ \hline b = -2 \end{array} \\
 \end{array}$$

$$\begin{array}{l}
 \frac{2a}{2} = \frac{8}{2} \\
 \bullet \quad a = 4 \\
 \end{array}$$

$$\begin{array}{l}
 (4, -2) \\
 4 + -2 = 2 \\
 2 = 2 \checkmark \\
 \therefore \text{yes, } (4, -2) \text{ soln}
 \end{array}$$

21) $p+q=4 \rightarrow p+q=4$
 $4p+q=1$

$q = -p+4$
 $q = -(-1)+4$
 $q = 1+4$
 $q = 5$
 $(-1, 5)$

$4p + (-p+4) = 1$
 $4p - p + 4 = 1$
 $3p + 4 = 1$
 $-4 \quad -4$
 $3p = -3$
 $\frac{3p}{3} = \frac{-3}{3} \quad p = -1$

22) $x-2y = -25 \rightarrow x-2y = -25$
 $3x-y = 0$

$x = 2y - 25$
 $x = 2(15) - 25$
 $30 - 25$
 $x = 5$

$3(2y-25) - y = 0$
 $6y - 75 - y = 0$
 $5y - 75 = 0$
 $+75 \quad +75$
 $5y = 75$
 $y = 15$

7.1 Extra Notes wkst

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Review of Quiz 7.1-7.2